

MANATEE COUNTY GOVERNMENT

INTENT TO AWARD

IFB NO. / TITLE	20-TA003199BB / Force Main 27A Rehabilitation	DATE POSTED	MC _____ DS _____	CC _____ BCC _____
PROCUREMENT REPRESENTATIVE	Brooke Baker	PROJECTED AWARD DATE	January 28, 2020	
DEPARTMENT/DIVISION	Public Works Department	AUTHORIZED BY DATE	Theresa Webb, Procurement Official	

NOTICE OF INTENT TO AWARD

The Manatee County Procurement Division provides notice of its intent to award a contract with Metro Equipment Service, Inc. for the provision of Force Main 27A Rehabilitation.

ENABLING/REGULATING AUTHORITY

Manatee County Procurement Ordinance, Sec 2-26.

BACKGROUND/EVALUATION

The Scope of Work consists of the following: replacement of force main by jack and bore and direct bury; installation of a flow meter and meter vault; replacement of discharge piping in the master lift station and associated appurtenances; and all necessary pavement, curb, and sidewalk restoration.

The solicitation was advertised on November 15, 2019 on the Manatee County website and DemandStar. It was also provided to the Manatee County Chamber of Commerce and the Manasota Black Chamber of Commerce for release to its members and advertised in the Tempo News and Bradenton Herald newspapers. Responses were received from the following firms:

- | | |
|---|--|
| 1. Metro Equipment Service, Inc., Miami, FL | 3. Pospiech Contracting, Inc., Inverness, FL |
| 2. Woodruff & Sons, Inc., Bradenton, FL | 4. Westra Construction Corp., Palmetto, FL |

EVALUATION SUMMARY:

Metro Equipment Service, Inc. was the lowest responsible, responsive bidder(s). A bid tabulation of the results is attached to this Notice of Intent to Award.

RECOMMENDATION

The Procurement Division and the Public Works Department recommend award to Metro Equipment Service, Inc.

ATTACHMENTS (List in order of attached)	1) Bid Tabulation	NAME AND NUMBER OF FUNDING SOURCE	Utility Rates
COST	\$2,963,061.20	FUNDS VERIFIED	Yes

BID TABULATION
IFBC NO. 20-TA003199BB
FORCE MAIN 27A REHABILITATION
BID 'A' BASED ON A COMPLETION TIME OF 360 CALENDAR DAYS

				Metro Equipment Service, Inc.		Woodruff & Sons, Inc.		Pospiech Contracting, Inc.		Westra Construction Corp.			
				Miami, FL		Bradenton, FL		Inverness, FL		Palmetto, FL			
ITEM NO.	DESCRIPTION	U/M	EST. QTY.	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE		
SIGNALIZATION PAY ITEMS													
660-2-106	Loop Assembly (F&I), Type F, 6'x40'	AS	2	\$2,200.00	\$4,400.00	\$2,750.02	\$5,500.04	\$5,000.00	\$10,000.00				
UTILITY PAY ITEMS													
1	Curb Replacement, Type F	LF	1,110	\$25.00	\$27,750.00	\$49.96	\$55,455.60	\$37.00	\$41,070.00				
2	Asphalt Pavement Restoration												
2.01	Base & 1 1/2" S-III, (8" min. thick. base)	SY	3,460	\$48.00	\$166,080.00	\$70.48	\$243,860.80	\$65.00	\$224,900.00				
2.02	Mill & Resurface, 1 1/2" S-III	SY	7,785	\$17.00	\$132,345.00	\$16.88	\$131,410.80	\$18.00	\$140,130.00				
3	Sidewalk Replacement, concrete (4" thick)	SY	610	\$64.00	\$39,040.00	\$69.78	\$42,565.80	\$64.00	\$39,040.00				
4	Sodding	SY	760	\$4.00	\$3,040.00	\$4.82	\$3,663.20	\$8.00	\$6,080.00				
5	Grout Fill Abandoned Pipe (Flowable Fill)	CY	262	\$100.00	\$26,200.00	\$373.16	\$97,767.92	\$300.00	\$78,600.00				
6	Remove Out of Service Pipe, old 20" FM	LF	20	\$50.00	\$1,000.00	\$157.54	\$3,150.80	\$200.00	\$4,000.00				
7	Remove Ex. Valves, 20"	EA	3	\$200.00	\$600.00	\$5,029.70	\$15,089.10	\$1,000.00	\$3,000.00				
8	Pipe (Direct Bury)												
8.01	FM, PVC (C900-16) DR-18, 20"	LF	3,325	\$90.00	\$299,250.00	\$127.78	\$424,868.50	\$240.00	\$798,000.00				
8.02	FM, DIP (CL 350), 18"	LF	55	\$175.00	\$9,625.00	\$278.25	\$15,303.75	\$365.00	\$20,075.00				
8.03	FM, DIP (CL 350), 12"	LF	32	\$125.00	\$4,000.00	\$248.93	\$7,965.76	\$250.00	\$8,000.00				
8.04	WM, DIP (CL 350), 6"	LF	200	\$40.00	\$8,000.00	\$87.90	\$17,580.00	\$155.00	\$31,000.00				
9	Jack & Bore, Steel Casing Pipe, 36" (0.406 wall thickness)	LF	466	\$1,500.00	\$699,000.00	\$1,083.76	\$505,032.16	\$950.00	\$442,700.00				
10	Penetration at MLS for 18" Force Main, core bore	EA	1	\$5,000.00	\$5,000.00	\$7,192.37	\$7,192.37	\$10,000.00	\$10,000.00				
11	Ductile Iron Fittings, sewer												
11.01	12" 90 Bends	EA	2	\$500.00	\$1,000.00	\$3,973.18	\$7,946.36	\$1,300.00	\$2,600.00				
11.02	18" 45 Bend	EA	2	\$1,500.00	\$3,000.00	\$3,266.12	\$6,532.24	\$2,250.00	\$4,500.00				
11.03	18" Sleeve	EA	2	\$1,000.00	\$2,000.00	\$3,246.11	\$6,492.22	\$2,200.00	\$4,400.00				
11.04	18"x12" Tee	EA	1	\$2,300.00	\$2,300.00	\$3,814.61	\$3,814.61	\$3,000.00	\$3,000.00				
11.05	20" Cap	EA	5	\$1,300.00	\$6,500.00	\$3,161.37	\$15,806.85	\$3,400.00	\$17,000.00				
11.06	20" 11.25 Bend	EA	1	\$1,500.00	\$1,500.00	\$5,012.19	\$5,012.19	\$2,800.00	\$2,800.00				
11.07	20" 22.5 Bend	EA	1	\$1,900.00	\$1,900.00	\$5,063.98	\$5,063.98	\$2,850.00	\$2,850.00				
11.08	20" 45 Bend	EA	11	\$2,000.00	\$22,000.00	\$3,422.43	\$37,646.73	\$2,800.00	\$30,800.00				
11.09	20"x12" Tee	EA	1	\$1,700.00	\$1,700.00	\$5,514.78	\$5,514.78	\$3,500.00	\$3,500.00				
11.10	20" Sleeve	EA	6	\$800.00	\$4,800.00	\$3,489.09	\$20,934.54	\$2,700.00	\$16,200.00				
11.11	20"x18" Red.	EA	1	\$1,700.00	\$1,700.00	\$4,872.13	\$4,872.13	\$2,600.00	\$2,600.00				
11.12	30" Cap	EA	2	\$2,900.00	\$5,800.00	\$5,079.96	\$10,159.92	\$11,700.00	\$23,400.00				
12	Pipe Joint Restraints												
12.01	12"	EA	2	\$130.00	\$260.00	\$1,351.00	\$2,702.00	\$700.00	\$1,400.00				
12.02	18"	EA	3	\$320.00	\$960.00	\$1,341.80	\$4,025.40	\$1,000.00	\$3,000.00				
12.03	20"	EA	83	\$487.00	\$40,421.00	\$959.62	\$79,648.46	\$1,450.00	\$120,350.00				
12.04	30"	EA	2	\$1,600.00	\$3,200.00	\$3,987.49	\$7,974.98	\$3,050.00	\$6,100.00				
13	Valve, sewer												
13.01	12" Plug	EA	1	\$4,000.00	\$4,000.00	\$8,174.81	\$8,174.81	\$5,300.00	\$5,300.00				
13.02	18" Plug	EA	2	\$9,000.00	\$18,000.00	\$21,407.29	\$42,814.58	\$11,700.00	\$23,400.00				
13.03	20" Plug	EA	3	\$10,000.00	\$30,000.00	\$18,529.83	\$55,589.49	\$16,000.00	\$48,000.00				
13.04	20" Tapping Valve	EA	1	\$13,000.00	\$13,000.00	\$25,333.50	\$25,333.50	\$20,000.00	\$20,000.00				
14	Air Release Valve Above-ground	EA	2	\$3,000.00	\$6,000.00	\$6,141.42	\$12,282.84	\$6,500.00	\$13,000.00				
15	ARV Enclosure, above-ground enclosure, fiberglass	EA	2	\$500.00	\$1,000.00	\$2,715.71	\$5,431.42	\$1,300.00	\$2,600.00				
16	Tapping Sleeve, 42"x20" (connection to existing FM)	EA	2	\$4,000.00	\$8,000.00	\$15,486.76	\$30,973.52	\$8,000.00	\$16,000.00				
17	Precast Concrete Vault, Complete	EA	1	\$10,000.00	\$10,000.00	\$24,090.05	\$24,090.05	\$11,000.00	\$11,000.00				
18	Furnish & Install 3" PVC drain with p-trap from valve vault to MLS	EA	1	\$1,000.00	\$1,000.00	\$3,880.25	\$3,880.25	\$2,100.00	\$2,100.00	NO BID			
19	Flow Meter, incl. Electrical, Complete (McCrometer)	EA	1	\$30,000.00	\$30,000.00	\$18,078.81	\$18,078.81	\$35,500.00	\$35,500.00				
20	Bypass Pumping System w/ 24 Hour Operator, MLS	LS	1	\$85,000.00	\$85,000.00	\$146,112.45	\$146,112.45	\$122,000.00	\$122,000.00				
21	Erosion Control	LS	1	\$1,000.00	\$1,000.00	\$5,120.86	\$5,120.86	\$54,400.00	\$54,400.00				
22	Inlet Protection	EA	12	\$100.00	\$1,200.00	\$377.14	\$4,525.68	\$150.00	\$1,800.00				
23	Traffic Control, Signing, & Barricades to FDOT Standards	LS	1	\$581,000.00	\$581,000.00	\$44,789.23	\$44,789.23	\$145,000.00	\$145,000.00				
24	Bollard, steel w/ yellow HDPE sleeve, red reflector, 6" Dia	EA	3	\$300.00	\$900.00	\$879.68	\$2,639.04	\$950.00	\$2,850.00				
25	Remove Existing Bypass Vault	EA	1	\$1,500.00	\$1,500.00	\$17,474.42	\$17,474.42	\$5,000.00	\$5,000.00				
26	Miscellaneous Concrete, 3000 psi	CY	100	\$80.00	\$8,000.00	\$300.70	\$30,070.00	\$500.00	\$50,000.00				
27	Thermoplastic Striping (per FDOT)												
27.01	Std. - White Skip 6" (10'-30')	GM	0.48	\$3,000.00	\$1,440.00	\$2,200.01	\$1,056.00	\$2,860.00	\$1,372.80				
27.02	Std. - White Solid 6" (pavement edge)	GM	0.67	\$2,500.00	\$1,675.00	\$6,600.04	\$4,422.03	\$11,500.00	\$7,705.00				
27.03	Std. - Yellow Solid 6"	GM	1	\$2,700.00	\$2,700.00	\$6,600.04	\$6,600.04	\$11,500.00	\$11,500.00				
27.04	Std. - White Solid 12" (crosswalk)	LF	120	\$5.00	\$600.00	\$5.50	\$660.00	\$7.00	\$840.00				
27.05	Std. - White Solid 24" (Stop Bar)	LF	89	\$10.00	\$890.00	\$8.80	\$783.20	\$11.00	\$979.00				
28	Retro-Reflective Pavement Markers	EA	168	\$12.00	\$2,016.00	\$4.40	\$739.20	\$8.50	\$1,428.00				
29	Storm Inlets and Pipe crossings, remove & replace (as needed)												
29.01	15" RCP	LF	32	\$30.00	\$960.00	\$116.66	\$3,733.12	\$193.00	\$6,176.00				
29.02	18" RCP	LF	112	\$35.00	\$3,920.00	\$123.24	\$13,802.88	\$210.00	\$23,520.00				
29.03	24" RCP	LF	48	\$40.00	\$1,920.00	\$135.32	\$6,495.36	\$229.00	\$10,992.00				
30	Protect Existing Storm Pipe & Structures, in place, parallel	LS	1	\$1,000.00	\$1,000.00	\$63,866.59	\$63,866.59	\$12,900.00	\$12,900.00				
INTERNAL MLS REHABILITATION PAY ITEMS													
31	Existing Piping/Fitting Demolition	LS	1	\$5,000.00	\$5,000.00	\$44,462.25	\$44,462.25	\$30,000.00	\$30,000.00				
32	Ductile Iron Fitting, CL 53, sewer												
32.01	14", FLG x PE, spool	EA	3	\$1,200.00	\$3,600.00	\$7,790.31	\$23,370.93	\$2,280.00	\$6,840.00				
32.02	14", FLG x FLG, spool	EA	1	\$1,100.00	\$1,100.00	\$7,751.67	\$7,751.67	\$2,260.00	\$2,260.00				
32.03	16", FLG x FLG, spool	EA	1	\$1,500.00	\$1,500.00	\$8,200.52	\$8,200.52	\$2,800.00	\$2,800.00				
32.04	18", FLG x PE	LF	22	\$300.00	\$6,600.00	\$650.42	\$14,309.24	\$460.00	\$10,120.00				
32.05	14" 90 Bend, FLG, short radius	EA	1	\$1,400.00	\$1,400.00	\$7,961.18	\$7,961.18	\$2,500.00	\$2,500.00				
32.06	18" 90 Base Bend, FLG, short radius	EA	2	\$3,000.00	\$6,000.00	\$5,935.60	\$11,871.20	\$4,700.00	\$9,400.00				
32.07	16"x14" Red., FLG	EA	1	\$1,700.00	\$1,700.00	\$8,037.68	\$8,037.68	\$3,000.00	\$3,000.00				
32.08	18"x16" Red., FLG	EA	1	\$1,600.00	\$1,600.00	\$8,453.17	\$8,453.17	\$3,000.00	\$3,000.00				
32.09	16"x14" Tee, FLG	EA	1	\$2,500.00	\$2,500.00	\$9,299.44	\$9,299.44	\$4,000.00	\$4,000.00				
32.10	18"x14" Tee, FLG	EA	1	\$2,600.00	\$2,600.00	\$9,883.23	\$9,883.23	\$4,200.00	\$4,200.00				
33	Restrained Flange Adapter, DI												
33.01	14"	EA	3	\$800.00	\$2,400.00	\$3,076.66	\$9,229.98	\$1,650.00	\$4,950.00				
33.02	16"	EA	1	\$900.00	\$900.00	\$7,575.12	\$7,575.12	\$2,000.00	\$2,000.00				
33.03	18"	EA	2	\$1,000.00	\$2,000.00	\$4,826.86	\$9,653.72	\$2,400.00	\$4,800.00				
34	6" DIP Dead Pipe Support incl. anchors	LF	18	\$100.00	\$1,800.00	\$1,210.47	\$21,788.46	\$500.00	\$9,000.00				
35	6" DIP Dead Pipe Support incl. anchors, Flange Type Connection	EA	1	\$1,400.00	\$1,400.00	\$7,823.51	\$7,823.51	\$2,400.00	\$2,400.00				
36	Relocate Interior Light & Conduit/Wiring	LS	1	\$2,500.00	\$2,500.00	\$8,369.55	\$8,369.55	\$930.00	\$930.00				
37	Painting of Manifold Piping	LS	1	\$2,000.00	\$2,000.00	\$4,997.69	\$4,997.69	\$10,000.00	\$10,000.00				
38	Mobilization	LS	1	\$296,000.00	\$296,000.00	\$130,275.89	\$130,275.89	\$165,000.00	\$165,000.00				
39	Record Drawings	LS	1	\$10,000.00	\$10,000.00	\$10,978.06	\$10,978.06	\$4,300.00	\$4,300.00				
Total Base Bid 'A' Based on Completion Time of 360 Calendar Days				\$2,693,692.00		\$2,744,385.85		\$3,017,957.80		NO BID			
40	Contingency (10% of Total Base Bid)			\$269,369.20		\$274,438.59		\$301,795.78					
Total Bid 'A' with Contract Contingency Based on Completion Time of 360 Calendar Days				\$2,963,061.20		\$3,018,824.44		\$3,319,753.58					

BID TABULATION
IFBC NO. 20-TA003199BB
FORCE MAIN 27A REHABILITATION
BID 'B' BASED ON A COMPLETION TIME OF 420 CALENDAR DAYS

				Metro Equipment Service, Inc.		Woodruff & Sons, Inc.		Pospiech Contracting, Inc.		Westra Construction Corp.	
				Miami, FL		Bradenton, FL		Inverness, FL		Palmetto, FL	
ITEM NO.	DESCRIPTION	U/M	EST. QTY.	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
SIGNALIZATION PAY ITEMS											
660-2-106	Loop Assembly (F&I), Type F, 6'x40'	AS	2	\$2,200.00	\$4,400.00	\$2,750.02	\$5,500.04	\$5,000.00	\$10,000.00	\$2,765.00	\$5,530.00
UTILITY PAY ITEMS											
1	Curb Replacement, Type F	LF	1,110	\$25.00	\$27,750.00	\$49.96	\$55,455.60	\$37.00	\$41,070.00	\$37.60	\$41,736.00
2	Asphalt Pavement Restoration										
2.01	Base & 1 1/2" S-III, (8" min. thick. base)	SY	3,460	\$48.00	\$166,080.00	\$70.48	\$243,860.80	\$65.00	\$224,900.00	\$40.80	\$141,168.00
2.02	Mill & Resurface, 1 1/2" S-III	SY	7,785	\$17.00	\$132,345.00	\$16.88	\$131,410.80	\$18.00	\$140,130.00	\$15.70	\$122,224.50
3	Sidewalk Replacement, concrete (4" thick)	SY	610	\$64.00	\$39,040.00	\$69.78	\$42,565.80	\$64.00	\$39,040.00	\$61.00	\$37,210.00
4	Sodding	SY	760	\$4.00	\$3,040.00	\$4.82	\$3,663.20	\$8.00	\$6,080.00	\$3.50	\$2,660.00
5	Grout Fill Abandoned Pipe (Flowable Fill)	CY	262	\$100.00	\$26,200.00	\$373.16	\$97,767.92	\$300.00	\$78,600.00	\$422.00	\$110,564.00
6	Remove Out of Service Pipe, old 20" FM	LF	20	\$50.00	\$1,000.00	\$157.54	\$3,150.80	\$200.00	\$4,000.00	\$10.50	\$210.00
7	Remove Ex. Valves, 20"	EA	3	\$200.00	\$600.00	\$5,029.70	\$15,089.10	\$1,000.00	\$3,000.00	\$1,600.00	\$4,800.00
8	Pipe (Direct Bury)										
8.01	FM, PVC (C900-16) DR-18, 20"	LF	3,325	\$90.00	\$299,250.00	\$127.78	\$424,868.50	\$240.00	\$798,000.00	\$164.00	\$545,300.00
8.02	FM, DIP (CL 350), 18"	LF	55	\$175.00	\$9,625.00	\$278.25	\$15,303.75	\$365.00	\$20,075.00	\$250.00	\$13,750.00
8.03	FM, DIP (CL 350), 12"	LF	32	\$125.00	\$4,000.00	\$248.93	\$7,965.76	\$250.00	\$8,000.00	\$200.00	\$6,400.00
8.04	WM, DIP (CL 350), 6"	LF	200	\$40.00	\$8,000.00	\$87.90	\$17,580.00	\$155.00	\$31,000.00	\$55.00	\$11,000.00
9	Jack & Bore, Steel Casing Pipe, 36" (0.406 wall thickness)	LF	466	\$1,500.00	\$699,000.00	\$1,083.76	\$505,032.16	\$950.00	\$442,700.00	\$1,375.00	\$640,750.00
10	Penetration at MLS for 18" Force Main, core bore	EA	1	\$5,000.00	\$5,000.00	\$7,192.37	\$7,192.37	\$10,000.00	\$10,000.00	\$13,000.00	\$13,000.00
11	Ductile Iron Fittings, sewer										
11.01	12" 90 Bends	EA	2	\$500.00	\$1,000.00	\$3,973.18	\$7,946.36	\$1,300.00	\$2,600.00	\$2,500.00	\$5,000.00
11.02	18" 45 Bend	EA	2	\$1,500.00	\$3,000.00	\$3,266.12	\$6,532.24	\$2,250.00	\$4,500.00	\$3,200.00	\$6,400.00
11.03	18" Sleeve	EA	2	\$1,000.00	\$2,000.00	\$3,246.11	\$6,492.22	\$2,200.00	\$4,400.00	\$3,000.00	\$6,000.00
11.04	18"x12" Tee	EA	1	\$2,300.00	\$2,300.00	\$3,814.61	\$3,814.61	\$3,000.00	\$3,000.00	\$4,200.00	\$4,200.00
11.05	20" Cap	EA	5	\$1,300.00	\$6,500.00	\$3,161.37	\$15,806.85	\$3,400.00	\$17,000.00	\$2,300.00	\$11,500.00
11.06	20" 11.25 Bend	EA	1	\$1,500.00	\$1,500.00	\$5,012.19	\$5,012.19	\$2,800.00	\$2,800.00	\$4,000.00	\$4,000.00
11.07	20" 22.5 Bend	EA	1	\$1,900.00	\$1,900.00	\$5,063.98	\$5,063.98	\$2,850.00	\$2,850.00	\$4,000.00	\$4,000.00
11.08	20" 45 Bend	EA	11	\$2,000.00	\$22,000.00	\$3,422.43	\$37,646.73	\$2,800.00	\$30,800.00	\$4,000.00	\$44,000.00
11.09	20"x12" Tee	EA	1	\$1,700.00	\$1,700.00	\$5,514.78	\$5,514.78	\$3,500.00	\$3,500.00	\$5,500.00	\$5,500.00
11.10	20" Sleeve	EA	6	\$800.00	\$4,800.00	\$3,489.09	\$20,934.54	\$2,700.00	\$16,200.00	\$3,900.00	\$23,400.00
11.11	20"x18" Red.	EA	1	\$1,700.00	\$1,700.00	\$4,872.13	\$4,872.13	\$2,600.00	\$2,600.00	\$3,800.00	\$3,800.00
11.12	30" Cap	EA	2	\$2,900.00	\$5,800.00	\$5,079.96	\$10,159.92	\$11,700.00	\$23,400.00	\$5,400.00	\$10,800.00
12	Pipe Joint Restraints										
12.01	12"	EA	2	\$130.00	\$260.00	\$1,351.00	\$2,702.00	\$700.00	\$1,400.00	\$1,000.00	\$2,000.00
12.02	18"	EA	3	\$320.00	\$960.00	\$1,341.80	\$4,025.40	\$1,000.00	\$3,000.00	\$1,700.00	\$5,100.00
12.03	20"	EA	83	\$487.00	\$40,421.00	\$959.62	\$79,648.46	\$1,450.00	\$120,350.00	\$2,000.00	\$166,000.00
12.04	30"	EA	2	\$1,600.00	\$3,200.00	\$3,987.49	\$7,974.98	\$3,050.00	\$6,100.00	\$4,000.00	\$8,000.00
13	Valve, sewer										
13.01	12" Plug	EA	1	\$4,000.00	\$4,000.00	\$8,174.81	\$8,174.81	\$5,300.00	\$5,300.00	\$4,500.00	\$4,500.00
13.02	18" Plug	EA	2	\$9,000.00	\$18,000.00	\$21,407.29	\$42,814.58	\$11,700.00	\$23,400.00	\$11,000.00	\$22,000.00
13.03	20" Plug	EA	3	\$10,000.00	\$30,000.00	\$18,529.83	\$55,589.49	\$16,000.00	\$48,000.00	\$15,000.00	\$45,000.00
13.04	20" Tapping Valve	EA	1	\$13,000.00	\$13,000.00	\$25,333.50	\$25,333.50	\$20,000.00	\$20,000.00	\$23,000.00	\$23,000.00
14	Air Release Valve Above-ground	EA	2	\$3,000.00	\$6,000.00	\$6,141.42	\$12,282.84	\$6,500.00	\$13,000.00	\$7,000.00	\$14,000.00
15	ARV Enclosure, above-ground enclosure, fiberglass	EA	2	\$500.00	\$1,000.00	\$2,715.71	\$5,431.42	\$1,300.00	\$2,600.00	\$800.00	\$1,600.00
16	Tapping Sleeve, 42"x20" (connection to existing FM)	EA	2	\$4,000.00	\$8,000.00	\$15,486.76	\$30,973.52	\$8,000.00	\$16,000.00	\$16,000.00	\$32,000.00
17	Precast Concrete Vault, Complete	EA	1	\$10,000.00	\$10,000.00	\$24,090.05	\$24,090.05	\$11,000.00	\$11,000.00	\$27,000.00	\$27,000.00
18	Furnish & Install 3" PVC drain with p-trap from valve vault to MLS	EA	1	\$1,000.00	\$1,000.00	\$3,880.25	\$3,880.25	\$2,100.00	\$2,100.00	\$1,400.00	\$1,400.00
19	Flow Meter, incl. Electrical, Complete (McCrometer)	EA	1	\$30,000.00	\$30,000.00	\$18,078.81	\$18,078.81	\$35,500.00	\$35,500.00	\$45,000.00	\$45,000.00
20	Bypass Pumping System w/ 24 Hour Operator, MLS	LS	1	\$85,000.00	\$85,000.00	\$146,112.45	\$146,112.45	\$122,000.00	\$122,000.00	\$172,000.00	\$172,000.00
21	Erosion Control	LS	1	\$1,000.00	\$1,000.00	\$5,120.86	\$5,120.86	\$54,400.00	\$54,400.00	\$4,200.00	\$4,200.00
22	Inlet Protection	EA	12	\$100.00	\$1,200.00	\$377.14	\$4,525.68	\$150.00	\$1,800.00	\$145.00	\$1,740.00
23	Traffic Control, Signing, & Barricades to FDOT Standards	LS	1	\$581,000.00	\$581,000.00	\$44,789.23	\$44,789.23	\$145,000.00	\$145,000.00	\$107,000.00	\$107,000.00
24	Bollard, steel w/ yellow HDPE sleeve, red reflector, 6" Dia	EA	3	\$300.00	\$900.00	\$879.68	\$2,639.04	\$950.00	\$2,850.00	\$825.00	\$2,475.00
25	Remove Existing Bypass Vault	EA	1	\$1,500.00	\$1,500.00	\$17,474.42	\$17,474.42	\$5,000.00	\$5,000.00	\$9,500.00	\$9,500.00
26	Miscellaneous Concrete, 3000 psi	CY	100	\$80.00	\$8,000.00	\$300.70	\$30,070.00	\$500.00	\$50,000.00	\$420.00	\$42,000.00
27	Thermoplastic Striping (per FDOT)										
27.01	Std. - White Skip 6" (10'-30')	GM	0.48	\$3,000.00	\$1,440.00	\$2,200.01	\$1,056.00	\$2,860.00	\$1,372.80	\$2,215.00	\$1,063.20
27.02	Std. - White Solid 6" (pavement edge)	GM	0.67	\$2,500.00	\$1,675.00	\$6,600.04	\$4,422.03	\$11,500.00	\$7,705.00	\$6,650.00	\$4,455.50
27.03	Std. - Yellow Solid 6"	GM	1	\$2,700.00	\$2,700.00	\$6,600.04	\$6,600.04	\$11,500.00	\$11,500.00	\$6,650.00	\$6,650.00
27.04	Std. - White Solid 12" (crosswalk)	LF	120	\$5.00	\$600.00	\$5.50	\$660.00	\$7.00	\$840.00	\$5.60	\$672.00
27.05	Std. - White Solid 24" (Stop Bar)	LF	89	\$10.00	\$890.00	\$8.80	\$783.20	\$11.00	\$979.00	\$8.90	\$792.10
28	Retro-Reflective Pavement Markers	EA	168	\$12.00	\$2,016.00	\$4.40	\$739.20	\$8.50	\$1,428.00	\$4.45	\$747.60
29	Storm Inlets and Pipe crossings, remove & replace (as needed)										
29.01	15" RCP	LF	32	\$30.00	\$960.00	\$116.66	\$3,733.12	\$193.00	\$6,176.00	\$56.00	\$1,792.00
29.02	18" RCP	LF	112	\$35.00	\$3,920.00	\$123.24	\$13,802.88	\$210.00	\$23,520.00	\$76.00	\$8,512.00
29.03	24" RCP	LF	48	\$40.00	\$1,920.00	\$135.32	\$6,495.36	\$229.00	\$10,992.00	\$94.00	\$4,512.00
30	Protect Existing Storm Pipe & Structures, in place, parallel	LS	1	\$1,000.00	\$1,000.00	\$63,866.59	\$63,866.59	\$12,900.00	\$12,900.00	\$27,000.00	\$27,000.00
INTERNAL MLS REHABILITATION PAY ITEMS											
31	Existing Piping/Fitting Demolition	LS	1	\$5,000.00	\$5,000.00	\$44,462.25	\$44,462.25	\$30,000.00	\$30,000.00	\$12,500.00	\$12,500.00
32	Ductile Iron Fitting, CL 53, sewer										
32.01	14", FLG x PE, spool	EA	3	\$1,200.00	\$3,600.00	\$7,790.31	\$23,370.93	\$2,280.00	\$6,840.00	\$920.00	\$2,760.00
32.02	14", FLG x FLG, spool	EA	1	\$1,100.00	\$1,100.00	\$7,751.67	\$7,751.67	\$2,260.00	\$2,260.00	\$2,200.00	\$2,200.00
32.03	16", FLG x FLG, spool	EA	1	\$1,500.00	\$1,500.00	\$8,200.52	\$8,200.52	\$2,800.00	\$2,800.00	\$2,700.00	\$2,700.00
32.04	18", FLG x PE	LF	22	\$300.00	\$6,600.00	\$650.42	\$14,309.24	\$460.00	\$10,120.00	\$420.00	\$9,240.00
32.05	14" 90 Bend, FLG, short radius	EA	1	\$1,400.00	\$1,400.00	\$7,961.18	\$7,961.18	\$2,500.00	\$2,500.00	\$2,350.00	\$2,350.00
32.06	18" 90 Base Bend, FLG, short radius	EA	2	\$3,000.00	\$6,000.00	\$5,935.60	\$11,871.20	\$4,700.00	\$9,400.00	\$4,370.00	\$8,740.00
32.07	16"x14" Red., FLG	EA	1	\$1,700.00	\$1,700.00	\$8,037.68	\$8,037.68	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00
32.08	18"x16" Red., FLG	EA	1	\$1,600.00	\$1,600.00	\$8,4					